

Molecular and Cellular Biochemistry:

An International Journal for Chemical Biology in Health and Disease

CONTENTS VOLUME 175, Nos. 1 & 2, October 1997

Review

- V.M. Bolaños-García, M. Soriano-García and J. Mas-Oliva: CETP and exchangeable apoproteins: Common features in lipid binding activity 1-10
- M.L. Poulin, M.J. Botelho and I.-M. Chiu: Cloning and interspecies comparisons of three newt (*Notophthalmus viridescens*) fibroblast growth factor receptor sequences 11-19
- T. Madan, N. Arora and P. Usha Sarma: Ribonuclease activity dependent cytotoxicity of Asp fl, a major allergen of *A. fumigatus* 21-27
- P. Nambi, M.R. Mattern, H.-L. Wu, M. Pullen, P. Nuthulaganti, G.A. Hofmann and C. Kumar: Absence of endothelin receptors and receptor mRNA in mammalian fibroblasts transformed with SV40 or ras oncogene 29-35
- J.A. Youssef, W.O. Song and M.Z. Badr: Mitochondrial, but not peroxisomal, β -oxidation of fatty acids is conserved in coenzyme A-deficient rat liver 37-42
- S. Kaul and T.P. Krishnakantha: Influence of retinol deficiency and curcumin/turmeric feeding on tissue microsomal membrane lipid peroxidation and fatty acids in rats 43-48
- P. Suresh Babu and K. Srinivasan: Influence of dietary capsaicin and onion on the metabolic abnormalities associated with streptozotocin induced diabetes mellitus 49-57
- K.S. Jagannatha Rao and K.R.K. Easwaran: ^{27}Al -NMR studies of aluminum transport across yeast cell membranes 59-63
- T. Vijayalakshmi, V. Muthulakshmi and P. Sachdanandam: Salubrious effect of *Semecarpus anacardium* against lipid peroxidative changes in adjuvant arthritis studied in rats 65-69
- O. Camici and L. Corazzi: Phosphatidylserine translocation into brain mitochondria: Involvement of a fusogenic protein associated with mitochondrial membranes 71-80
- S. Dinda, S. Kodali-Gali, L. Sevilla, M. Burkley, C. Hurd and V.K. Moudgil: Inhibition of proliferation of T47D human breast cancer cells: Alterations in progesterone receptor and p53 tumor suppressor protein 81-89
- A.M. Komarov, J.H. Kramer, I. Tong Mak and W.B. Weglicki: EPR detection of endogenous nitric oxide in postischemic heart using lipid and aqueous-soluble dithiocarbamate-iron complexes 91-97
- P.V. Sulakhe, X.T. Vo, T.D. Phan and T.E. Morris: Phosphorylation of inhibitory subunit of troponin and phospholamban in rat cardiomyocytes: Modulation by exposure of cardiomyocytes to hydroxyl radicals and sulphydryl group reagents 99-107
- P.V. Sulakhe, X.T. Vo, T.E. Morris, M.D. Pato and R.L. Khandelwal: Protein phosphorylation in rat cardiac microsomes: Effects of inhibitors of protein kinase A and of phosphatases 109-115
- E. Benito and M.A. Bosch: Impaired phosphatidylcholine biosynthesis and ascorbic acid depletion in lung during lipopolysaccharide-induced endotoxaemia in guinea pigs 117-123
- J. Lagueux, El Bachir Affar, D. Nadeau, P. Ayotte, E. Dewailly and G.G. Poirier: A microassay for the detection of low levels of cytochrome P450 O-deethylation activities with alkoxyresorufin substrates 125-129
- C. Vanhoutte, A. Sener and W.J. Malaisse: Subcellular distribution of hexokinase isoenzymes in pancreatic islet cells exposed to digitonin after incubation at a low or high concentration of D-glucose 131-136
- A.L. Jadhav and G.T. Ramesh: Pb-induced alterations in tyrosine hydroxylase activity in rat brain 137-141
- G. Guihot and F. Blachier: Histidine and histamine metabolism in rat enterocytes 143-148
- M. Hulstijn, J. López-Soriano, F.J. López-Soriano and J.M. Argilés: Lipogenesis in rat tissues following carbohydrate refeeding: Spleen lipogenesis is modulated by insulin 149-152
- E. Sentex, J.P. Sergiel, A. Lucien and A. Grynberg: Trimetazidine increases phospholipid turnover in ventricular myocyte 153-162
- T. Murata, N. Shinya and M. Yamaguchi: Expression of calcium-binding protein regucalcin mRNA in the cloned human hepatoma cells (HepG2): Stimulation by insulin 163-168
- V. Vishwanath, R. Meera, R. Puvanakrishnan and P.R. Narayanan: Fate of *Mycobacterium tuberculosis* inside rat peritoneal macrophages *in vitro* 169-175
- A. Nuñez and M. Fernández-Renart: Proteolysis activated protein kinase in *Dictyostelium discoideum* 177-185
- E.G. Lynn, P.C. Choy, A. Magil and K. O: Uptake and metabolism of lipoprotein-X in mesangial cells 187-194
- Y. Araki, K. Nakamura, Y. Chijiwa and H. Nawata: Expression of the placenta-specific, 100 kDa *ras* GTPase activating protein in several human cancer cell lines and normal human tissues 195-204
- C. Hurd, B. Underwood, M. Herman, K. Iwasaki, H.J. Kloosterboer, S. Dinda and V.K. Moudgil: Characterization of ligand binding, DNA binding and phosphorylation of progesterone receptor by two novel progesterone receptor antagonist ligands 205-212

G. Oblonczek and G. Szymanski: Influence of ryanodine on the mechanical restitution and on the post-extrasystolic potentiation of the guinea-pig ventricular myocardium	213-223
D.H.F. Mak and K.M. Ko: Alterations in susceptibility to carbon tetrachloride toxicity and hepatic antioxidant/detoxification system in streptozotocin-induced short-term diabetic rats: Effects of insulin and Shisandrin B treatment	225-232
P.J. Nelson and I.H. Gelman: Cell-cycle regulated expression and serine phosphorylation of the myristylated protein kinase C substrate, SSeCKS: Correlation with culture confluency, cell cycle phase and serum response	233-241
A.C. Guappone and D.C. Flynn: The integrity of the SH3 binding motif of AFAP-110 is required to facilitate tyrosine phosphorylation by, and stable complex formation with, Src	243-252
I. Durot, P. Athias, F. Oudot and A. Grynberg: Influence of phospholipid long chain polyunsaturated fatty acid composition on neonatal rat cardiomyocyte function in physiological conditions and during glucose-free hypoxia-reoxygenation	253-262
O. Scruel, A. Sener and W.J. Malaisse: Glucose-induced positive cooperativity of fructose phosphorylation by human B-cell glucokinase	263-269
Index to Volume 175	271-273

